

Fishing Tools and Implements - Stó:lō (4-7)

Lesson Plan (3 hours)

Materials Needed:

- Replica kit
- Student worksheet and answer key
- Students require pencils

Arrive into the classroom prior to start time to prepare the classroom with 8 stations.

At each station: replica(s) on the square of black felt, station #

Have student sheet ready to hand out.

Introduction:

1. Introduce Yourself:

- Introduce yourself (name, title, where you are from, who you are as an Indigenous Person)
- Acknowledge the territory. “We acknowledge that we reside on the traditional ancestral shared territory of the Sumas and Matsqui First Nations, Sumas and Matsqui First Nations have lived in the Fraser Valley for 10,000 years.
- Ask who are Indigenous people? (Answer: 3 groups, First Nations Métis and Inuit People)

2. Introduce the Presentation:

- Write **Fishing Tools and Implements Stó:lō** on the board
- Ask “What do these words tell you about the items around the room?”
- Answers: “Fishing” Items are used for fishing (Has anyone gone fishing?)
- “Tools and Implements”: Items that are used to either catch the fish, make the items to catch the fish or to process the fish after it is caught.
- “Stó:lō”: Halq'eméylem word for river. What river are we talking about? Fraser river.
- These replicas and items were used by the Stó:lō people over 10,000 years ago and even today.

Explain that these fishing tools and implements are special; respect and care need to be taken throughout the presentation.

Can organize students at their first station before explanation or wait until explanation is done.

Presentation:

1. Introduce the worksheet – make sure the students have the worksheet in front of them, write a sample of the boxes on the board or use the document camera to show the sheet (this allows the students to visually see what they have to do).
 - Show the students the different parts of the boxes: Students only do the white section (grey section is for answers leave the answer part for later) Educated guesses.
 - Students to use point form.
2. Introduce your rotation expectations – show the students how you want them to rotate from each station (i.e. “When you hear my drum/rattle/words I want you to point to the next station. When I say go, you will move to the next numbered station 1 to 2... 8 to 1.”)
 - Make sure that the students follow your expectations every time. You may need to remind them the first few times.
3. **Rotations should be 3 – 5 minutes each (watch the student engagement at all stations if they are off task rotate them in shorter time allotments. Station rotations should be done by recess or shortly after.**

4. Collect the artifacts off the tables as you go through the answers with the students – use the board to write the answers down or use the document camera with the student sheet (this helps all the students write down the correct information) Do not give the answers orally only.

Gong through answers, depending on your time frame, get 2 or 3 students to put hands up to tell you their educated guess first.

Conclusion:

- Ask a few of the students which of the artifacts were their favourite and why.
- Ask for any questions regarding the artifacts.
- Thank the teacher for inviting you into their classroom.
- Please turn your eyes to your teacher for further instructions.
- Exit the room.

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Student Sheet

Name: _____

Date: _____

Station 1 Set Net & Net Gauge(s)	What is it made of? Rope (net)- _____ Net Handle - _____ Net Hoop - _____	How is it Used? Set Net	Draw one
	Net Rings - _____ Gauges - _____	Gauges	
	Answer: Rope (net)- _____ Net Handle - _____ Net Hoop - _____ _____ Net Rings - _____ Gauges - _____	Answer: Set Net	
		Answer: Gauges	
Station 2 Sturgeon Spear Tip & Salmon Spear Tip	What is it made of? Rope/ string- _____ Spear Tip- _____ Spear Tip - _____ Spear Valves - _____ Spear Shaft - _____	How is it Used?	Draw one
	Answer: Rope/ string- _____ Sturgeon Spear Tip - _____ Salmon Spear Tip - _____ Spear Valves - _____ Spear Shaft - _____	Answer:	
Station 3 Slate Knife	What is it made of? Handle- _____ Blade- _____ String - _____	How is it Used?	Draw one
	Answer: Handle- _____ Blade- _____ String - _____	Answer:	
Station 4 Fish Hook	What is it made of? Rope/ string- _____ Hook Barb- _____ Hook Shank - _____	How is it Used?	Draw one
	Answer: Rope/ string- _____ Hook Barb- _____ Hook Shank - _____	Answer:	

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Student Sheet

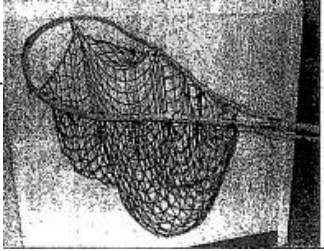


Station 5 Sinker Stone	What is it made of? Sinker - _____ Rope - _____	How is it Used?	Draw one
	Answer: Sinker- _____ Rope - _____	Answer:	
Station 6 Herring (Eulachon) Rake	What is it made of? Handle- _____ Barbs- _____	How is it Used?	Draw one
	Answer: Handle- _____ Barbs- _____	Answer:	
Station 7 Hook with Float & Sinker	What is it made of? Float - _____ Rope/string- _____ Hook Barb - _____ Hook Shank - _____ Sinker - _____	How is it Used?	Draw one
	Answer: Float - _____ Rope/string- _____ Hook Barb - _____ Hook Shank - _____ Sinker - _____	Answer:	
Station 8 Net Needles	What is it made of? Needle- _____ Needle- _____	How is it Used?	Draw one
	Answer: Needle- _____ Needle- _____	Answer:	

1. I think the most interesting fishing tool is _____.
2. I would like to use/make a _____.
3. If I had to pick one fishing tool to survive, I would choose _____ because _____.

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Answer Key

Date: _____

Station 1 Set Net & Net Gauge(s)	What is it made of? Rope (net)- _____ Net Handle - _____ Net Hoop - _____ _____ Net Rings - _____ _____ Gauges - _____	How is it Used? Set Net	Draw one 
	Answer: Rope (net) - plant material (stinging nettle/cedar) Net Handle – yellow cedar/fir/ironwood Net Hoop –vine maple/ironwood (red alder) Net Rings – bone/antler Gauges - red cedar	Answer: Set Net: AKA Dip net, is dipped into the river to catch swimming fish. Once fish enter the net, the net is closed to capture the fish. Used to catch multiple fish Gauges: for 3 different sizes of fish – larger for spring salmon and smaller for sockeye. Used to measure net mesh for proper size.	
Station 2 Sturgeon Spear Tip & Salmon Spear Tip	What is it made of? Rope/ string- _____ Spear Tip- _____ Spear Tip - _____ Spear Valves - _____ _____ Spear Shaft - _____	How is it Used?	Draw one 
	Answer: Rope/ string - plant material/ sinew Sturgeon Spear Tip – slate Salmon Spear Tip - deer bone Spear Valves -antler Spear Shaft – vine maple/ironwood - local	Answer: Used from shoreline or canoe. Spear assured accuracy and more projectiles. It was used to Harpoon sturgeon and Salmon. Once you spear the fish the tip comes off the spear shaft.	
Station 3 Slate Knife	What is it made of? Handle- _____ Blade- _____ String - _____ _____	How is it Used?	Draw one 
	Answer: Handle - wood/yellow cedar – a local wood Blade - slate String - sinew	Answer: Used for Cleaning/butchering, filleting and slicing salmon. Anything a knife is used for. Show the smoked salmon example and the wind dried (swan) salmon)	

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Answer Key

Station 4 Fish Hook	What is it made of? Rope/ string- _____ Hook Barb- _____ Hook Shank - _____	How is it Used?	Draw one 
	Answer: Rope/ string- plant material Hook Barb- deer bone Hook Shank - slate	Answer: Used for hooking fish while trolling behind a canoe or jogging with free floats. Put bait on the hook and throw it out. You ate what you caught, food source.	
Station 5 Sinker Stone	What is it made of? Sinker - _____ Rope - _____	How is it Used?	Draw one 
	Answer: Sinker- rock from the river – local Rope – plant material	Answer: Used as a line weight. For sinking nets, hung at the bottom of a net gill to keep net open to allow fish to get caught. Some sinker stones had holes in the middle.	
Station 6 Herring (Eulachon) Rake	What is it made of? Handle- _____ Barbs- _____	How is it Used?	Draw one 
	Answer: Handle- yellow cedar Barbs- yellow cedar/ironwood/deer bone	Answer: Used from shoreline or canoe in a figure 8 motion to rake in eulachon's. Barbs are on a slant to prevent fish from falling off.	
Station 7 Hook with Float & Sinker	What is it made of? Float - _____ Rope/string- _____ Hook Barb - _____ Hook Shank - _____ Sinker - _____	How is it Used?	Draw one
	Answer: Float – yellow cedar Rope/string- plant material Hook Barb – deer bone Hook Shank – wood - local Sinker – river rock	Answer: Float and hook method for fishing. Usually used in slow moving water, float holds up hook, sinker acts as a counterweight so float does not drift away. Put bait on hook, put in pond, leave it. Duck will move around when a fish is on the hook	
Station 8 Net Needles	What is it made of? Needle- _____ Needle- _____	How is it Used?	Draw one
	Answer: Needle- wood – yellow and red cedar Needle- bone	What is it used for? Answer: Used to make or mend fish nets (hanging your net). Used to measure mesh to assure proper size or certain fish size. Goes in and out of your net easily. Like sewing.	

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1. I think the most interesting fishing tool is _____.
2. I would like to use/make a _____.
3. If I had to pick one fishing tool to survive, I would choose _____ because
_____.